

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/010,084

DATE: 12/17/2001

TIME: 10:08:58

Input Set : A:\ES.txt

Output Set: N:\CRF3\12172001\J010084.raw

ENTERED

3 <110> APPLICANT: Adachi, Kiichi
4 DeZwaan, Todd M
5 Lo, Sze Chung C
6 Montenegro-Chamorro, Maria V
7 Frank, Sheryl A
8 Darveaux, Blaise A
9 Mahanty, Sanjoy K
10 Heiniger, Ryan W
11 Skalchunes, Amy R
12 Pan, Huaqin
13 Tarpey, Rex
14 Shuster, Jeffrey R
15 Tanzer, Matthew M
16 Hamer, Lisbeth
18 <120> TITLE OF INVENTION: METHODS FOR THE IDENTIFICATION OF INHIBITORS OF HISTIDINOL-PHOSPHATASE AS
19 ANTIBIOTICS
21 <130> FILE REFERENCE: 2130US
C--> 23 <140> CURRENT APPLICATION NUMBER: US/10/010,084
C--> 23 <141> CURRENT FILING DATE: 2001-12-06
23 <160> NUMBER OF SEQ ID NOS: 3
25 <170> SOFTWARE: PatentIn version 3.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 1002
29 <212> TYPE: DNA
30 <213> ORGANISM: Magnaporthe grisea
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39 gcctccctcg cggagctgat gccgcgccac gctgcctaca tgaccgaggc gcgtaggctg 240
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49 gttgagggcg ccggcccaa tggcgaggag gatctatttg tgcactacta cgaccagcag 540
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55 atcaagcgga acctcgcggt cgttgcgagc tacggcggtt ggctcgagtg caactcgagt 720
57 gcgctccgca aggggctcgc cgaaccgtac ccgtgcgggc ccacgcgga ggaatgggta 780
59 aggctgggcg gtaagttcac aatgtctgac gacagccacg gcatcgcgca ggttgccaca 840
61 aactatgtgc gagccctgga ctacctgag tcgctcgggc tgaacgaggt ctggacgtat 900
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68 <210> SEQ ID NO: 2
69 <211> LENGTH: 1717
70 <212> TYPE: DNA
71 <213> ORGANISM: Magnaporthe grisea

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78 cattaatgga gcaagtaaaa cgtattcaag cctccgagga cccagcagcc gccctcgcgc      180
80 cccgaaatac gcgcgctttc aggcattgct tgagcctatc tttggtgggg ttacacttta      240
82 aaaaaagttg ttctgcgtg cctcccatcc aatgcctggc atccatctta gctgaggcag      300
84 gtaccagaca cctgggtaat gaatgctaag agtcaatctc tctaggaatt taacggattt      360
86 gattggctag caaacattga ttgatttttc ttctgtacatt tccatgtacg ccgtatagca      420
88 ttacaaagag taaaagcaag tttggcctca gttaccctaa atccagatac agacagacag      480
90 acgccctccc tatctgcctt gaatggttga agttttaata gccggcatcc ctccgtttcc      540
92 actcctctct tcgtcatcat cagggtatcat ctgacaacct tagagtcaac aactcaattg      600
94 catttttttt ccatcgcaaa agcaaacaca cagtcatggc cttcacaatg cactcgcaact      660
96 ccgggcaatt ctgcccgggc cagcgaanaa accagttgga agacgtcatc ctccatgcca      720
98 tcagcatagg atacaagacc atgggtctca gtgagcacat gccacggacc caactgtgcg      780
100 atctatatcc agaagaactt gtgcctgacc cgcacgcctc cctcgcggag ctgatgccgc      840
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104 ccctcctcat cggcttcgag ggcgagttca tccggtccga gtacgggaca ctggtgcgct      960
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108 ccgacgccgg caaggctgcac tatttcacgt gctcgtgca ccacggcgcc ggcggcatcc      1080
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118 cgagctacgg cggctggctc gagtgcact cgagtgcgt cgcgaagggg ctgcgccaac      1380
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126 ttgtggagaa ggggtgtgctg tttacagagt ttgcgggttc cctgagactc ccaacaacgg      1620
128 cgtccaagac atcctgatgg gaagtcagcg ctctcctca taggacatga ttttctttac      1680
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133 <210> SEQ ID NO: 3

134 <211> LENGTH: 333

135 <212> TYPE: PRT

136 <213> ORGANISM: Magnaporthe grisea

138 <400> SEQUENCE: 3

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144 Ala Lys Asp Gln Leu Glu Asp Val Ile Leu His Ala Ile Ser Ile Gly
145          20          25          30
148 Tyr Lys Thr Met Gly Leu Ser Glu His Met Pro Arg Thr Gln Leu Cys
149          35          40          45
152 Asp Leu Tyr Pro Glu Glu Leu Val Pro Asp Pro His Ala Ser Leu Ala
153          50          55          60
156 Glu Leu Met Pro Arg His Ala Ala Tyr Met Thr Glu Ala Arg Arg Leu
157 65          70          75          80
160 Gln Lys Lys Tyr Ala Asp Arg Ile Thr Leu Leu Ile Gly Phe Glu Gly
161          85          90          95
164 Glu Phe Ile Arg Ser Glu Tyr Gly Thr Leu Val Arg Ser Leu Ala Asp
165          100          105          110

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168 Gly Asn Gly Asp Pro Ser Tyr Phe Gln Asn Gly Asp Ser Lys Leu Val
169          115          120          125
172 Thr Asp Ala Gly Lys Val Asp Tyr Phe Ile Gly Ser Leu His His Gly
173      130          135          140
176 Ala Gly Gly Ile Pro Ile Asp Phe Asp Arg Ala Thr Tyr Leu Arg Ser
177 145          150          155          160
180 Val Glu Ala Ala Gly Pro Asn Gly Glu Glu Asp Leu Phe Val His Tyr
181          165          170          175
184 Tyr Asp Gln Gln Phe Glu Met Leu Gln Ala Leu Arg Pro Pro Ile Val
185          180          185          190
188 Gly His Phe Asp Leu Ile Arg Leu Met Ser Glu Glu Pro Gly Arg Asn
189          195          200          205
192 Pro Ser Ala Trp Ser Pro Asn Arg Val Trp Pro Leu Ile Lys Arg Asn
193      210          215          220
196 Leu Ala Phe Val Ala Ser Tyr Gly Gly Trp Leu Glu Cys Asn Ser Ser
197 225          230          235          240
200 Ala Leu Arg Lys Gly Leu Ala Glu Pro Tyr Pro Cys Arg Pro Ile Ala
201          245          250          255
204 Glu Glu Trp Val Arg Leu Gly Gly Lys Phe Thr Met Ser Asp Asp Ser
205          260          265          270
208 His Gly Ile Ala Gln Val Ala Thr Asn Tyr Val Arg Ala Leu Asp Tyr
209          275          280          285
212 Leu Glu Ser Leu Gly Val Asn Glu Val Trp Thr Tyr Asp Arg Ala Lys
213      290          295          300
216 Glu Gly Ser Glu Leu Val Glu Lys Gly Val Ser Phe Thr Glu Phe Arg
217 305          310          315          320
220 Gly Ser Leu Arg Leu Pro Thr Thr Ala Ser Lys Thr Ser
221          325          330

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VERIFICATION SUMMARY

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DATE: 12/17/2001

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Input Set : A:\ES.txt

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L:23 M:270 C: Current Application Number differs, Replaced Current Application No

L:23 M:271 C: Current Filing Date differs, Replaced Current Filing Date